| Ir | ndex | of C | laims |  |
|----|------|------|-------|--|
|    |      |      |       |  |

| Application No.   | Applicant(s)  |
|-------------------|---------------|
| 10/785,680        | KROHN, ROY C. |
| Examiner          | Art Unit      |
| Sanza L McClendon | 1711          |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

|   | (Thr ugh numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-El cted  |  |
|---|--------------|--|
| 1 | Interference |  |

| A | App al   |
|---|----------|
| 0 | Objected |

|                       |  |          |          |  |  |  |          | ,            | -                |                 |
|-----------------------|--|----------|----------|--|--|--|----------|--------------|------------------|-----------------|
| Cle                   | im   | Date     |          |  |  |  |          |              |                  |                 |
| Cla                   |  | $\vdash$ |          |  |  | Jale   |          | _            |                  | $\dashv$        |
| Final                 | Original                                     | 12/10/04 |          |  |  |  |          |              |                  |                 |
| 1                     | 1  | =        | _        |  |  |  |          |              |                  | $\neg$          |
| 2                     | 2  | ╘        | _        | $\vdash$   | _  | -  |          | _            | -                | $\dashv$        |
| 3                     | 3  | =        |          |  |  |  |          |              |                  | П               |
| 4                     | 4  | =        |          |  |  |  |          |              |                  | П               |
| 5                     | 5  | =        |          | $\vdash$   |  |  |          |              |                  | П               |
| 2<br>3<br>4<br>5<br>6 | 1<br>2<br>3<br>4<br>5                        | =        |          |  |  |  |          |              |                  | П               |
| 7                     | 7  | =        |          |  |  |  |          |              |                  |                 |
| 8                     | 8  | =        | Г        |  |  |  |          |              |                  |                 |
| 9                     | 9  | =        |          |  |  |  |          |              |                  |                 |
| 10                    | 10   | =        |          |  |  |  |          |              |                  |                 |
| 11                    | 11   | =        |          |  |  |  |          |              |                  |                 |
| 12                    | 12   | =        |          |  |  |  |          |              |                  |                 |
| 13<br>14<br>15        | 12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | =        |          |  |  |  |          |              |                  |                 |
| 14                    | 14   | =        |          |  |  |  |          |              |                  |                 |
| 15                    | 15   | Ξ        |          |  |  |  |          |              |                  |                 |
| 16<br>17              | 16   | =        |          |  |  |  |          |              |                  |                 |
| 17                    | 17   | Ξ        |          |  |  |  |          |              |                  |                 |
| 18                    | 18   | =        |          |  |  |  |          |              |                  |                 |
| 19                    | 19   | =        |          |  |  |  |          |              |                  |                 |
|                       | 20   |          |          |  |  |  |          |              |                  | Ш               |
| L                     | 21   |          |          |  |  |  |          |              |                  | Ш               |
|                       | 22<br>23                                     |          |          | L  |  |  |          |              |                  | Ш               |
|                       | 23   |          |          |  |  |  |          |              |                  | Ш               |
|                       | 24<br>25                                     |          |          |  |  |  | <u> </u> |              |                  | Ш               |
|                       | 25   | L        | <u></u>  |  | _  |  |          |              | <u> </u>         | Ш               |
|                       | 26   | <u> </u> |          |  |  | <u> </u>   |          | _            |                  | Ш               |
|                       | 27   | <u> </u> | _        | <u> </u>   | ᆫ  | <u> </u>   | ļ        | _            | L                | Ш               |
| <u> </u>              | 28   | <u> </u> | _        |  | _  | _  | <u> </u> |              |                  | $\vdash$        |
| <u> </u>              | 29   | <u> </u> | <u> </u> | _  | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>         | Н               |
| <u> </u>              | 30   | <u> </u> | _        |  |  | <u> </u>   |          |              | <u> </u>         | Н               |
| <u></u>               | 31   | <u> </u> | ┡        | <u> </u>   | ┡  | <u> </u>   | ļ        | <u> </u>     | <u> </u>         | Н               |
|                       | 30<br>31<br>32<br>33                         | ▙        | <u> </u> | <u> </u>   |  | _  | _        | _            | <u> </u>         | Н               |
| <u> </u>              | 33   | <u> </u> | <u> </u> |  | <u> </u>   | _  | _        |              | <u> </u>         | Н               |
| -                     | 34   | ļ        | -        | <u> </u>   |  | ├—   | <u> </u> | <u> </u>     | <b>—</b>         | $\vdash \vdash$ |
| <b></b>               | 35   | ├        | -        | $\vdash$   | <u> </u>   | ├  | ├        |              | -                | $\vdash$        |
|                       | 36   | -        | 1        | ⊢  | <u> </u>   |  |          | -            | -                | Н               |
| <u> </u>              | 37   | ├        | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$         | Н               |
|                       | 38<br>39                                     | ₩        | $\vdash$ | ⊢  | $\vdash$   | <u> </u>   | $\vdash$ | ⊢            | $\vdash$         | Н               |
| -                     | 40   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | ├-   | $\vdash$ | ├—           | $\vdash$         | Н               |
| -                     | 41   | $\vdash$ | $\vdash$ | ╁  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$         | Н               |
|                       | 42   | ├        | $\vdash$ | ╁  | -  | <del> </del>                                     | $\vdash$ | $\vdash$     | -                | $\vdash$        |
| <u> </u>              | 43   | ╁╴       | -        | 1-   | -  | <del>                                     </del> | $\vdash$ | <del> </del> | <del>  -  </del> | Н               |
| <b> </b>              | 44   | $\vdash$ | $\vdash$ | <del> </del>                                     | $\vdash$   | ├  | ┢        | <del> </del> | ┢                | Н               |
| <b> </b>              | 45   | ╁        | $\vdash$ | ╁  | $\vdash$   | <del> </del>                                     | ├        |              | $\vdash$         | $\vdash$        |
| <b>-</b>              | 46   | t        | $\vdash$ | H  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$         | Н               |
| <b>—</b>              | 47   | $\vdash$ | $\vdash$ | H  | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$         | $\vdash$        |
| $\vdash$              | 48   | ╁        | -        | ╁  | $\vdash$   | $\vdash$   | ├-       | ┢            | -                | $\vdash$        |
|                       | 49   | $\vdash$ | $\vdash$ | <del>                                     </del> | $\vdash$   | <del> </del>                                     |          | $\vdash$     | $\vdash$         | $\vdash$        |
| <del>-</del>          | 50   |          | $\vdash$ | ╁╌   | $\vdash$   | $\vdash$   | ┢╾       |              |                  | $\vdash$        |

| Cla      | im       | Date            |  |  |  |  |              |          |  |  |
|----------|----------|-----------------|--|--|--|--|--------------|----------|--|--|
|          |          |                 |  |  |  |  |              |          |  |  |
| l = 1    | Original |                 | İ  |  |  |  |              |          |  | 1  |
| Final    | igi      |                 |  |  |  |  |              |          |  | ĺ  |
| ╽╙       | ΙŏΙ      |                 |  |  |  |  |              |          |  |  |
|          |          |                 |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |  |  |              |          |  |  |
|          | 51       |                 |  |  |  |  |              |          |  | i  |
|          | 52       |                 |  |  |  |  |              |          |  |  |
|          | 52<br>53 |                 |  |  |  |  |              |          |  |  |
|          | 54       |                 |  |  |  |  | _            |          |  |  |
|          | 55       |                 | $\vdash$   |  |  |  |              |          |  |  |
|          | 56       |                 | ⊢  |  | H  | _  |              | -        |  |  |
| -        | 50       | _               | -  | _  | _  |  |              |          |  | -  |
| <u> </u> | 57       | <u> </u>        | <u> </u>   | <u> </u>   |  |  | _            | _        | _  | _  |
| <u> </u> | 58       | _               |  |  |  |  |              |          |  |  |
|          | 59       |                 |  |  | _  |  |              |          |  |  |
|          | 60       |                 |  |  |  |  |              |          |  |  |
|          | 61       |                 |  |  |  |  |              |          |  |  |
|          | 62       |                 |  |  |  |  |              |          |  |  |
|          | 63       | Г               | Г  |  | Г  | Г  | П            | _        |  |  |
| <b>—</b> | 64       | $\vdash$        | Η-   |  | <del>                                     </del> | _  | $\vdash$     | _        |  | $\vdash$   |
| $\vdash$ | 65       | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |
| _        | 66       | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     |          | -  |  |
| $\vdash$ | 67       | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | -  | $\vdash$   |
| -        | 67       | <u> </u>        | -  | -  | <del>  -</del>                                   | <del> </del>                                     | <u> </u>     | <u> </u> |  |  |
| <u> </u> | 68       | _               |  | _  | _  | <u> </u>   | <u> </u>     |          | _  | L.   |
|          | 69       | _               |  |  | <u> </u>   |  |              |          |  |  |
|          | 70       |                 |  |  |  |  |              |          |  |  |
|          | 71       |                 |  |  |  |  |              |          |  |  |
|          | 72<br>73 |                 |  | Г  | Г  |  |              |          |  |  |
|          | 73       |                 |  | П  | Г  |  | Г            | $\vdash$ | Г  | $\Box$   |
|          | 74       | -               | -  | <del>                                     </del> | -  |  |              |          | H  | $\vdash$   |
| <b></b>  | 75       |                 | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | $\vdash$     |          | H  | H  |
|          | 75<br>76 |                 | H  | _  | -  | $\vdash$   | $\vdash$     |          | $\vdash$   | ┢  |
|          | 77       | ├-              | ├  | ┢  | -  | $\vdash$   | $\vdash$     | -        | ⊢  |  |
| -        | 70       | ⊢               | ⊢  | <b>}</b>   | -  | ⊢  | -            |          | -  | -  |
|          | 78       | <u> </u>        | <u> </u>   | <u> </u>   | _  | <b> </b> -                                       | _            | <u> </u> | -  |  |
|          | 79       | L               | L  | _  | _  |  | _            |          |  |  |
|          | 80       | L               | L  | <u> </u>   |  | L  | _            |          |  | _  |
| <u> </u> | 81       |                 |  |  |  |  |              |          |  |  |
|          | 82       |                 |  |  |  |  |              |          |  |  |
|          | 83       |                 | 1 -  |  | Г  | Ī  |              |          |  |  |
|          | 84       | T               | <u> </u>   | <del>                                     </del> | Т  | <del>                                     </del> | $\vdash$     | Г        | $\vdash$   | Т  |
| <b> </b> | 85       | $\vdash$        | <del>                                     </del> | <del>                                     </del> | $\vdash$   | <del>                                     </del> | Ι-           | $\vdash$ | <del>                                     </del> | $\vdash$   |
| -        | 86       | -               | $t^-$  | $\vdash$   | $\vdash$   | $\vdash$   | ┢═           | $\vdash$ | -  | -  |
| -        | 87       |                 | -  | <del> </del>                                     | ⊢  | $\vdash$   | ┢╾           | ┢        | ├-   | <del> </del>                                       |
| -        |          | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ |  | ⊢  |
|          | 88       | ⊢               | $\vdash$   | <u> </u>   | _  | <u> </u>   | <u> </u>     | ⊢        | <u> </u>   | <u> </u>   |
| <u> </u> | 89       | <u> </u>        | $\vdash$   | _  | <u> </u>   |  | <u> </u>     | <u> </u> | <b>└</b>   | $\vdash$   |
| L        | 90       | $oxed{igspace}$ | oxdot  | _  | oxdot  | <u> </u>   |              | _        | _  | oxdot  |
|          | 91       | L               | 乚  |  | L  | $oxed{oxed}$                                     |              |          | L  | L  |
|          | 92       | L               | L  | L  | L  | L  | L            | L        | L  | Ĺ  |
|          | 93       | Γ               | Γ  | Γ  | Γ  |  |              |          |  | Γ  |
|          | 94       | T               | Π  | П  |  | Π  | П            | Г        |  | 1  |
|          | 95       | † -             | t  | t  | T  | Г  |              | Т        | T  | T  |
| $\vdash$ | 96       | $\vdash$        | $\vdash$   | <del>                                     </del> | <del>                                     </del> |  | 1            | $\vdash$ | $\vdash$   | <del>  -                                    </del> |
| -        | 97       |                 | ⊢  | ┼  | ₩  | $\vdash$   | $\vdash$     | ┢        |  | ┢  |
|          |          | $\vdash$        | <del> </del> —                                   |  | ├—   |  | <del> </del> | <u> </u> | <b>⊢</b> -                                       | $\vdash$   |
| <u> </u> | 98       | $\vdash$        | ⊢  | ₩  | $\vdash$   | <u> </u>   | $\vdash$     | $\vdash$ | <u> </u>   | ⊢  |
| <u> </u> | 99       | <u> </u>        | <b>—</b>   | ⊢  | $\vdash$   |  | <u> </u>     | <u> </u> | L_   | ⊢  |
|          | 100      |                 |  | 1  | 1  |  | 1            | 1        | 1  | Ι.   |

| Claim    |                   |                |              |          |                | Date         |              |              |                |                        |  |
|----------|-------------------|----------------|--------------|----------|----------------|--------------|--------------|--------------|----------------|------------------------|--|
|          |                   |                |              |          | T              |              |              |              |                |                        |  |
| जू       | Original          |                |              |          |                |              |              |              |                |                        |  |
| Final    | ři                |                |              |          |                |              |              |              |                |                        |  |
| _        | 0                 |                |              |          |                |              |              |              |                |                        |  |
|          | 101               | $\dashv$       | $\dashv$     | $\dashv$ |                | $\vdash$     | $\dashv$     | -            |                | $\dashv$               |  |
|          | 102               |                |              |          | -              |              |              |              |                |                        |  |
|          | 103               |                |              |          | _              |              |              |              |                | $\dashv$               |  |
|          | 104               | _              | -            |          | _              |              |              |              |                | $\dashv$               |  |
|          | 105               |                |              |          |                |              |              |              |                | Н                      |  |
|          | 106               |                |              |          |                |              |              |              |                | $\dashv$               |  |
|          | 107               |                |              |          | _              | _            | _            | _            | $\overline{}$  | $\dashv$               |  |
|          | 108               | $\neg$         |              | _        | _              |              |              | $\Box$       |                | $\dashv$               |  |
|          | 109               |                |              |          |                | _            | _            |              | -              | _                      |  |
|          | 110               | -              |              | _        |                | _            |              |              |                | $\dashv$               |  |
|          | 111               | _              |              |          |                |              | -            | $\dashv$     | _              | $\dashv$               |  |
|          | 112               |                |              |          |                |              |              | -            |                | $\dashv$               |  |
|          | 113               | $\vdash$       |              | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$               |  |
|          | 113<br>114<br>115 | $\vdash$       |              | $\vdash$ | _              | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$               |  |
|          | 115               |                | $\vdash$     |          | $\vdash$       | H            | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$               |  |
|          | 116               |                | -            |          |                | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       | $\dashv$               |  |
|          | 116<br>117        | $\vdash$       | $\vdash$     | -        | $\vdash$       | $\vdash$     | $\vdash$     | H            | $\vdash$       | $\dashv$               |  |
|          | 118               | -              |              | -        | -              | -            |              |              | $\vdash$       | $\vdash \vdash \vdash$ |  |
|          | 119               |                | -            | -        |                |              | <del> </del> | -            | $\vdash$       | Н                      |  |
|          | 120               | $\vdash$       | $\vdash$     | H        | $\vdash$       | -            | $\vdash$     |              | $\vdash$       | Н                      |  |
|          | 120               |                |              |          | $\vdash$       |              | _            |              | $\vdash$       | Н                      |  |
| -        | 121<br>122<br>123 |                |              | -        | -              | -            | -            | _            | ├              | Н                      |  |
|          | 122               | _              | —            | _        | $\vdash$       | ⊢            | $\vdash$     | $\vdash$     | ⊢              | $\vdash\vdash$         |  |
|          | 123               | H              | _            | ┢        | ┢              | ┝            |              | H            | -              | Н                      |  |
|          | 124<br>125        | ⊢              | ⊢            | ⊢        | ┝              | ⊢            | $\vdash$     | H            | -              | Н                      |  |
|          | 126               | ┢              | ⊢            | -        | ┝              | ⊢            |              |              |                | Н                      |  |
|          | 120               | ⊢              | $\vdash$     | H        | ⊢              | ⊢            | $\vdash$     | $\vdash$     | -              | Н                      |  |
|          | 127<br>128        | -              | -            | -        | ⊢              | ⊢            |              |              |                | Н                      |  |
|          | 129               | -              | ⊢            | -        | ├              | ⊢            | -            | -            | -              | Н                      |  |
|          | 129               |                | ┝            |          | -              | ⊢            | <u> </u>     |              |                | $\vdash$               |  |
|          | 130<br>131        | <u> </u>       | H            |          | <u> </u>       | -            | -            | -            | -              | $\vdash$               |  |
|          | 132               | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       | Н                      |  |
|          | 132               |                | -            | ļ. —     | ├              | $\vdash$     | <del> </del> | ├            |                | $\vdash \vdash$        |  |
|          | 133<br>134        |                |              | _        |                | $\vdash$     | <del> </del> | $\vdash$     | ⊢              | $\vdash \vdash$        |  |
|          | 134               | <del> </del> — | -            | ├—       | -              | -            | -            |              |                | $\vdash \vdash$        |  |
|          | 135               | ⊢              | -            | ├        | <del>  -</del> | -            | <del> </del> | ⊢            | ├              | $\vdash \dashv$        |  |
|          | 136               | ├              | ├—           | ├-       | <b> </b> -     | ├            | ├-           | ⊢            | <del> </del>   | $\vdash \vdash$        |  |
|          | 137               | $\vdash$       | $\vdash$     | <u> </u> |                | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$       | Н                      |  |
|          | 138<br>139        | $\vdash$       | ├            | -        | -              | <u> </u>     | ├            | <u> </u>     | ├              | Н                      |  |
| <u> </u> | 139               | $\vdash$       | $\vdash$     | -        | ├              | <del> </del> | ├-           | <del> </del> |                | Н                      |  |
|          |                   | ├              | ⊢            | $\vdash$ | -              | 1            | ├            | _            | <u> </u>       | Н                      |  |
| ļ        | 141               | ├-             | <del> </del> | -        | ├              | <del> </del> | ├            | <u> </u>     | -              | Н                      |  |
|          | 142               | ├—             | ├—           | Ь_       | <u> </u>       | <del> </del> | <del> </del> | _            | <del> </del> — | Н                      |  |
| <u> </u> | 143               | ├              | ├            | <u> </u> | $\vdash$       |              | ⊢            | <u> </u>     | $\vdash$       | Н                      |  |
| <u> </u> | 144               | <u> </u>       | $\vdash$     | $\vdash$ | $\vdash$       | <u> </u>     | <u> </u>     | $\vdash$     | <u> </u>       | Н                      |  |
|          | 145               | $\vdash$       | ├—           | $\vdash$ | <u> </u>       | <u> </u>     | <del> </del> | ⊢            | <u> </u>       | Ш                      |  |
|          | 146               | ├              | $\vdash$     | ├        | <u> </u>       |              | <b> </b>     | -            | <del> </del> — | Ш                      |  |
|          | 147               | <b>├</b>       | ⊢-           | ⊢        | <u> </u>       | <u> </u>     | <u> </u>     | <b> </b>     | <u> </u>       | $\sqcup$               |  |
|          | 148               | <u> </u>       | <u> </u>     | <u> </u> | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>       | Ш                      |  |
|          | 149               | ∟              | <u> </u>     | <b> </b> | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u>       | Ш                      |  |
|          | 150               | <u></u>        | <u> </u>     | L_       |                |              | L_           | <u></u>      | L              | L                      |  |